

AMENDMENT

In the Specification:

Please amend the specification as follows:

Beginning on page 10, spanning lines 19-24, please replace with the following paragraph:

~~FIG. 2A-2D~~ **FIG. 2** illustrates $(TA)_n$ genotype-phenotype relationship in human livers.

(a) correlation in all samples investigated ($n=83$) (b) correlation in Caucasians ($n=56$) (c) correlation in African-Americans ($n=15$) (d) correlation in individuals of Asian ($n=1$), and unknown ($n=10$) ethnicity. Liver microsomes were phenotyped for SN-38 glucuronidation rates in each liver with a single experiment performed in triplicate. Bars show the mean value of SN-38 glucuronidation rates in each group.

Beginning on page 53, spanning lines 7-20, please replace with the following paragraph:

Because of the small number of subjects in the 5/7, 5/6, 6/8 and 7/8 genotypes, only 6/6, 6/7 and 7/7 were used in the ANOVA analysis. The phenotype was significantly different across these three genotypes ($P = 0.008$) (~~FIG. 2a~~) (**FIG. 2**) The degree of variation of the SN-38 glucuronidation rate across the genotypes was similar in different ethnic groups ($P > 0.1$). A significantly decreasing trend was shown across the 6/6, 6/7 and 7/7 genotypes in Caucasians ($P < 0.001$, JT test, ~~FIG. 2b~~) (**FIG. 2**) and across the 6/6, 6/7, 6/8 and 7/7 genotypes in African-Americans ($P = 0.033$, JT test) (~~FIG. 2e~~) (**FIG. 2**). When samples with Asian ($n = 1$), other ($n = 2$) and unknown ($n = 10$) ethnic background were pooled together, no significant trend could be found across $(TA)_n$ genotypes ($P > 0.1$, JT test) (~~FIG. 2d~~) (**FIG. 2**). In the Caucasian sample, pairwise comparisons of the phenotype between two genotype groups showed significant differences between the 6/7 and 7/7 ($P = 0.007$, one-sided exact Wilcoxon test) and 6/6 and 7/7 groups ($P = 0.0002$). No pair-wise comparison was significant within African-Americans, probably due to small number of samples of each genotype.